INDEX TO VOLUME 40*

A

Abbott, Osler, Discussion of emphysema, 458
Abdominal aorta, coarctation of (Senning and Johannson), 517
Abscess, lung, in Japan (Shinoi), 461
Adams, Wm. E., Discussion of cavitary tuberculosis, 500
Discussion of emphysema, 459
(with Long, Edwin T., Benfield, John R., Mikouchi, Takemaru, Reimann, Arthur F., and Nigro, Salvatore), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640
Presidential Address: Pulmonary reserve and its influence on the development of lung surgery, 141
Adler, Federico (with Cossman, F. Price, Kittle, C. Frederick, and Peltier, Leonard F.), Lipuria and lipasemia after thoracic surgical procedures, 430
Agustsson, Magnus H. (with Weinberg, Milton, Jr., Bicoff, Juan P., Steiger, Zwi, Gasul, Benjamin M., Fell, Egbert H., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310
Aletras, H. (with Garibotti, J., Kolb, E., Noirclerc, M., Osorio, J., Tomaszewsky, W., William-Olsson, G., and Senning, A.) Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35
American Association for Thoracic Surgery, Announcement of Forty-first Annual Meeting, 279, 419, 559, 703
Annual meeting notes, 138
Constitution and bylaws of, 550
Members, 126
Officers and Councilors, 125
Presidential address (Adams), 141
Anastomosis of blood vessels, simple stapling device for (Takaro), 673
superior vena cava–pulmonary artery, treatment of tricuspid atresia by (Cumming, Ferguson, Briggs, and Brownell), 31
Andrews, Neil C. (with Britt, Clarence J., and Christoforidis, A. J.), Bilateral simultaneous squamous cell carcinoma of the lung, 102
Andrial, Milorad, Influenzal pneumonia and and blood gas analysis; an attempt at correlation between anatomic and functional findings, 79
Aneurysm, dissecting, of thoracic aorta as complication of catheter aortography (Templeton, Johnson, and Griffith), 209
traumatic, of thoracic aorta simulating coarctation (Malm and Deterling), 271
Angiocardiography, selective left ventricular, evaluation of mitral stenosis with (Björk and Lodin), 17
Ankeney, Jay L., Discussion of peripheral vascular resistance, 428
(with Rowen, Howard, and Viles, Peter), The effect of total body perfusion upon cardiac output and vascular resistance, 529
Anthone, Roland (with Firme, Constante N., Anthone, Sidney, and MacNeill, Arthur E.), Studies with a cellulose membrane oxygenator, 253
Anthone, Sidney (with Firme, Constante N., Anthone, Roland, and MacNeill, Arthur E.), Studies with a cellulose membrane oxygenator, 253
Aorta, abdominal, coarctation of (Senning and Johansson), 517
coarctation of, with particular emphasis upon improved techniques of surgical repair (Morris, Cooley, De Bakey, and Crawford), 705
thoracic, dissecting aneurysm of, as complication of catheter aortography (Templeton, Johnson, and Griffith), 209
traumatic aneurysm of, simulating coarctation (Malm and Deterling), 271
Aortic arch, experimental replacement by homografts (Sauvage, Rudolph, and Gross), 61
and cardiac surgery, growth of cardiovascular chambers following (Wesolowski, Sauvage, Sawyer, Karlson, and Fox), 692
insufficiency, partial and complete prostheses in (Harken, Soroff, Taylor, Lefemine, Gupta, and Lunzer), 744
syphilitic, surgical correction of (Murphy, 524
stenosis, acquired, treatment by valvuloplasty (Mulder, Kattus, and Longmire), 731

*July, pp. 1-140; August, pp. 141-280; September, pp. 281-420; October, pp. 421-560; November, pp. 561-704; December, pp. 705-842.

Aortic stenosis—Cont'd
experimental production of (Munoz and Stephenson), 568
Aortography, catheter, dissecting aneurysm of thoracic aorta as complication of (Templeton, Johnson, and Griffith), 209
Aortotomy, experimental left coronary artery perfusion through, during cardiopulmonary bypass (Littlefield Lowicki, and Muller), 685
Artery replacement, pulmonary, experimental study of (Gilbert, Cornell, and Cooper), 667
Artesani, John H. (with Meredith, Jesse H., and Mamlin, Joseph H.), Temperature compensated, self-calibrated oxygen monitoring device, 582
Atelectatic lung, reaeration of, altered hemodynamics in pulmonary circulation following (Long, Adams, Benfield, Mikouchi, Reimann, and Nigro), 640
Atresia, tricuspid; treatment by superior vena cava–pulmonary artery anastomosis (Cumming, Ferguson, Briggs, and Brownell), 31
Atrial septal defects, closure utilizing general hypothermia (Morrow, Gilbert, Baker, and Collins), 776
Atriocaval junction and superior vena cava, experimental Teflon replacement of (Peter, Hering, and Watkins), 224
Atrioventricular block, complete, use of direct stimulating myocardial electrodes in (Levowitz, Ford, and Smith), 283
clamp, cardiac bypass, and hypothermia, autogenous oxygenation with (Holt, Macalalad, and Lewis), 536
Autogenous oxygenation with cardiac bypass, hypothermia, and atrioventricular clamp (Holt, Macalalad and Lewis), 536

B

Bacteriemia and bronchoscopy (Burman), 635
Baffes, Thomas G. (with Lev, Maurice, Paul, Milton H., Miller, Robert A., Riker, William L., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298, 309
Bahnson, Henry T., Discussion of interventricular septal defect, 805
Discussion of Thoracic Surgery Forum, 701
Bailey, Charles P., Discussion of aortic stenosis, 801
Discussion of Thoracic Surgery Forum, 702
Baker, R. Robinson (with Morrow, Andrew G., Gilbert, Joseph W., and Collins, N. Perryman), The closure of atrial septal defects utilizing general hypothermia, 776
Ball, Robert E., Jr. (with Hering, Alexander C., and Wilson, John S.), Congenital deficiency of the pericardium, 49
Baronofsky, Ivan D. (with Welberry, Albert, Senderoff, Elliott, and Krul, Isadore), Some helpful instruments for cardiovascular surgery, 66
Barrett, Raymond J. (with Tuttle, William M.), A study of essential hemoptysis, 468
Basinger, Clair, Discussion of myocardial infarction in infancy, 335
Benfield, John R. (with Long, Edwin T., Adams, William E., Mikouchi, Takemaru, Reimann, Arthur F., and Nigro, Salvatore), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640
Bicoff, Juan P. (with Weinberg, Milton, Jr., Agustsson, Magnus H., Steiger, Zwi, Gasul, Benjamin M., Fell, Egbert H., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310
Bifurcation, main pulmonary artery, replacement by autogenous pericardium (Sauvage, Rudolph, and Gross), 56
Biopsies, inferior deep cervical bilateral (scalene fat pad) and paratracheal lymph node (Lui, Glas, and Lansing), 940
Björk, Viking Olov, An effective blood heat exchanger for deep hypothermia in association with extracorporeal circulation but excluding the oxygenator, 237
(with Lodin, Herman), The evaluation of mitral stenosis with selective left ventricular angiocardiography, 17
Blades, Brian (with Smyth, Nicholas P.), Selective chemotherapy of the lung during unilateral pulmonary arterial occlusion with a balloon-tipped catheter, 653
Blakemore, William S. (with McCaughan, James S., Weeder, Richard, and Schuder, John C.), Evaluation of new nonwettable macroporous membranes with high permeability coefficients for possible use in a membrane oxygenator, 574
Blood, bank, treatment by resins (McLaughlin, Nealon, and Gibbon), 602
gas analysis and influenzal pneumonia (Andrial), 79

Blood—Cont'd
glycerolized, frozen, gas-exchange dynamics of (O'Brien and Watkins), 611
heat exchanger, effective, for deep hypothermia in association with extracorporeal circulation but excluding oxygenator (Björk), 237
pH, alterations induced by potassium flux and cardiac irritability, relationship of sympatho-adrenal system to (Goott, Rosenberg, Lillehei, and Miller), 625
vessels, stapling device for anastomosis of (Takaro), 673
Bloomberg, Allan E. (with Glotzer, Philip), A method for controlling a patent ductus arteriosus during open-heart surgery, 47
(with Glotzer, Philip), A note on the technique of mitral valvulotomy, 417
Bosher, Lewis H., Discussion of lipuria and lipasemia, 442
Discussion of myocardial infarction in infancy, 335
Discussion of vasomotor regulation, 371
(with Kusunoki, Takuro, Cheng, Huan-Chen, and McGuire, Hunter H., Jr.), Myocardial dysfunction after cardioplegia, 813
Bosniak, Morton A. (with Reams, Gerald B.), Bronchography through puncture of the cricothyroid membrane, 117
Bowles, L. Thompson (with Tepper, Ronald, Coryllos, Elizabeth, Lowenfels, Albert, Postel, Allen, Brancardoro, Giustino, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375
Brancadoro, Giustino (with Bowles, L. Thompson, Tepper, Ronald, Coryllos, Elizabeth, Lowenfels, Albert, Postel, Allen, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375
Brantigan, Otto C., Discussion of emphysema, 457
Braunwald, Nina S. (with Cooper, Theodore, and Morrow, Andrew G.), Complete replacement of the mitral valve; successful clinical application of a flexible polyurethane prosthesis, 1
Briggs, James N. (with Cumming, Gordon R., Ferguson, Colin C., and Brownell, Edward G.), Tricuspid atresia; treatment by superior vena cava–pulmonary artery anastomosis, 31
Britt, Clarence I. (with Christoforidis, A. J., and Andrews, Neil C.), Bilateral simultaneous squamous cell carcinoma of the lung, 102
Bronchiectasis; analysis of 240 cases treated by pulmonary resection (Streete and Salyer), 383
Bronchiectasis—Cont'd
results of pulmonary resection (Hewlett and Ziperman), 71
Bronchogenic carcinoma, development of, in patients with pulmonary tuberculosis (Campbell and Hughes), 98
Bronchography through puncture of cricothyroid membrane (Reams and Bosniak), 117
Bronchoscopy and bacteriemia (Burman), 635
Bronchus, ligation and division of, in surgical treatment of cavitary tuberculosis (Chamberlain and McNeill), 475
Brownell, Edward G. (with Cumming, Gordon R., Ferguson, Colin C., and Briggs, James N.), Tricuspid atresia; treatment by superior vena cava–pulmonary artery anastomosis, 31
Burke, John F., Discussion of aortic stenosis, 802
(with Scannell, J. Gordon, Saidi, Farrokh, and Turner, John D.), Five-year follow-up study of closed mitral valvulotomy, 723
Burke, Mervyn F. (with Roe, Benson B., and Zehner, Harry, Jr.), The subcoronary implantation of a flexible tricuspid aortic valve prosthesis, 561
Burman, Sheldon Oscar, Bronchoscopy and bacteriemia, 635
Burnett, W. Emory, Discussion of emphysema, 457
Discussion of lung abscess, 466
Bypass, cardiac, by double pumps, pressure conditions in pulmonary circulation during (Aletras, Garibotti, Kolb, Noirelerc, Osorio, Tomaszewsky, William-Olsson, and Senning), 35
improved caval catheter for (Heimbecker), 278
cardiopulmonary, experimental left coronary artery perfusion through an aortotomy during (Littlefield, Lowicki, and Muller), 685
total, peripheral vascular resistance associated with. I. Peripheral resistance under condition of normothermia and normotension (Cordell, Spencer, and Meredith), 421

C

Campbell, Roger E. (with Hughes, Felix A., Jr.), The development of bronchogenic carcinoma in patients with pulmonary tuberculosis, 98
Carcinoma, bronchogenic, development of, in patients with pulmonary tuberculosis (Campbell and Hughes), 98
squamous cell, simultaneous, bilateral, of lung (Britt, Christoforidis, and Andrews), 102

Cardiac and aortic surgery, growth of cardiovascular chambers following (Wesolowski, Sauvage, Sawyer, Karlson, and Fox), 692
arrest, elective, induced with potassium citrate, myocardial necrosis following (McFarland, Thomas, Gilbert, and Morrow), 200
bypass by double pumps, pressure conditions in pulmonary circulation during (Aletras, Garibotti, Kolb, Noirclerc, Osorio, Tomaszewsky, William-Olsson, and Senning), 35
hypothermia, and atrioventricular clamp, autogenous oxygenation with, (Holt, Macalalad, and Lewis), 536
improved caval catheter for (Heimbecker), 278
catheterization, determination of effectiveness of treatment in closure of atrial septal defects by (Morrow, Gilbert, Baker, and Collins), 776
irritability and potassium flux induced by alterations in blood pH, relationship of sympatho-adrenal system to (Goott, Rosenberg, Lillehei, and Miller), 625
output and vascular resistance, effect of total body perfusion upon (Rowen, Viles, and Ankeney), 529
Cardioplegia, myocardial dysfunction after (Kusunoki, Cheng, McGuire, and Bosher), 813
Cardiopulmonary bypass, experimental left coronary artery perfusion through aortotomy during (Littlefield, Lowicki, and Muller), 685
total, studies of peripheral vascular resistance associated with. I. Peripheral resistance under condition of normothermia and normotension (Cordell, Spencer, and Meredith), 421
Cardiovascular chambers, growth of, following cardiac and aortic surgery (Wesolowski, Sauvage, Sawyer, Karlson, and Fox), 692
surgery, some helpful instruments for (Welberry, Senderoff, Kreel, and Baronofsky), 66
Carr, Duane, Discussion of essential hemoptysis, 474
Catheter, balloon-tipped, unilateral pulmonary arterial occlusion with, selective chemotherapy of lung during (Smyth and Blades), 653
caval, improved, for cardiac bypass (Heimbecker), 278
Catheterization, cardiac, determination of effectiveness of treatment in closure of atrial septal defects by (Morrow, Gilbert, Baker, and Collins), 776
Cavitary tuberculosis, surgical treatment by ligation and division of bronchus (Chamberlain and McNeill), 475
Cellulose membrane oxygenator, studies with (Firme, Anthone, Anthone, and MacNeill), 253
Chamberlain, J. Maxwell (with McNeill, Thomas M.) Ligation and division of the bronchus in the surgical treatment of cavitary tuberculosis, 475, 500
Chemotherapy, selective, of lung during unilateral pulmonary arterial occlusion with a balloon-tipped catheter (Smyth and Blades), 653
Cheng, Huan-chen (with Kusunoki, Takuro, McGuire, Hunter H., Jr., and Bosher, Lewis H., Jr.), Myocardial dysfunction after cardioplegia, 813
Chest radiography, previous, normal, teratoid tumors of mediastinum found despite (Edge and Glennie), 172
Children, colon replacement of esophagus in (Neville and Clowes), 507
Christoforidis, A. J. (with Britt, Clarence I., and Andrews, Neil C.), Bilateral simultaneous squamous cell carcinoma of lung, 102
Civin, W. Harold (with Hay-Roe, Victor, and Hill, Roger Lee), An unclassifiable tumor of the esophagus, 107
Closure of interventricular septal defects, simplified technique for (Roe), 232
Clowes, George H. A., Jr., Discussion of atrial septal defects, 808
Discussion of vasomotor regulation, 371
(with Neville, William E.), Colon replacement of the esophagus in children with congenital and acquired disease, 507
Coarctation of abdominal aorta (Senning and Johannson), 517
of aorta, with particular emphasis upon improved techniques of surgical repair (Morris, Cooley, De Bakey, and Crawford), 705
traumatic aneurysm of thoracic aorta simulating (Malm and Deterling), 271
Coghlan, William P. (with Willauer, George J., Fineberg, Charles, and Johnson, Robert G.), The culture of tubercle bacilli from resected specimens of "negative" patients, 501
Collins, N. Perryman (with Morrow, Andrew G., Gilbert, Joseph W., and Baker, R. Robinson), The closure of atrial septal defects utilizing general hypothermia, 776
Colon replacement of esophagus in children for congenital and acquired disease (Neville and Clowes), 507
Congenital deficiency of pericardium (Hering, Wilson, and Ball), 49

Congenital—Cont'd
hypoplasia of right ventricle and Ebstein's anomaly, surgical palliation in patients with (Weinberg, Bicoff, Agustsson, Steiger, Gasul, Fell, and Laun), 310
origin of left coronary artery from pulmonary artery, surgical management of complication of: myocardial infarction in infancy (Sabiston, Pelargonio, and Taussig), 321
tracheoesophageal fistula, unusual variation of (Goldenberg), 114

Connolly, John E. (with Humphreys, George H., II), The surgical technique for the correction of pectus excavatum, 194

Cooley, Denton A., Discussion of transposition of great vessels, 308
(with Morris, George C., Jr., De Bakey, Michael E., and Crawford, E. Stanley), Coarctation of the aorta with particular emphasis upon improved techniques of surgical repair, 705

Cooper, Theodore (with Braunwald, Nina S., and Morrow, Andrew G.), Complete replacement of the mitral valve; successful clinical application of a flexible polyurethane prosthesis, 1
(with Gilbert, Joseph W., and Cornell, William P.), An experimental study of pulmonary artery replacement, 667

Cor pulmonale, cause of: isolated pulmonary venous sclerosis (Crane and Grimes), 410

Cordell, Robert A. (with Spencer, Merrill P., and Meredith, Jesse H.), Studies of peripheral vascular resistance associated with total cardiopulmonary bypass. I. Peripheral resistance under condition of normothermia and normotension, 421

Cornell, William P. (with Gilbert, Joseph W., and Cooper, Theodore), An experimental study of pulmonary artery replacement, 667

Coronary artery, left, from pulmonary artery, surgical management of complication of congenital origin of: myocardial infarction in infancy (Sabiston, Pelargonio, and Taussig), 321
perfusion, left, experimental, through an aortotomy during cardiopulmonary bypass (Littlefield, Lowicki, and Muller), 685

Coronary-encephalic perfusion in depressed surgical cases, new findings in (Topete, Huizar Lara, Pulido, and Diaz Caro), 161

Corpe, Raymond F. (with Liang, Joseph), Surgical resection in pulmonary tuberculosis due to atypical *Mycobacterium tuberculosis*, 93

Coryllos, Elizabeth (with Bowles, L. Thompson, Tepper, Ronald, Lowenfels, Albert, Postel, Allen, Brancadoro, Giustino, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375

Cossman, F. Price (with Adler, Federico, Kittle, C. Frederick, and Peltier, Leonard F.), Lipuria and lipasemia after thoracic surgical procedures, 430

Crafoord, Clarence, Discussion of aortic stenosis, 802
Discussion of cavitary tuberculosis, 499
Discussion of intracardiac myxoma and rhabdomyoma, 353

Crane, Jackson T. (with Grimes, Orville F.), Isolated pulmonary venous sclerosis: a cause of cor pulmonale, 410

Crawford, E. Stanley (with Morris, George C., Jr., Cooley, Denton A., and De Bakey, Michael E.), Coarctation of the aorta with particular emphasis upon improved techniques of surgical repair, 705

Cricothyroid membrane, bronchography through puncture of (Reams and Bosniak), 117

Cross, Frederick S., Discussion of Thoracic Surgery Forum, 631

Culture of tubercle bacilli from resected specimens of "negative" patients (Willauer, Fineberg, Johnson, and Coghlan), 501

Cumming, Gordon R. (with Ferguson, Colin C., Briggs, James N., and Brownell, Edward G.), Tricuspid atresia; treatment by superior vena cava–pulmonary artery anastomosis, 31

D

De Bakey, Michael E. (with Morris, George C., Jr., Cooley, Denton A., and Crawford, E. Stanley), Coarctation of the aorta with particular emphasis upon improved techniques of surgical repair, 705

De Boer, Arthur (with Baffes, Thomas G., Lev, Maurice, Paul, Milton H., Miller, Robert A., Riker, William L., and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298

Deterling, Ralph A., Jr. (with Malm, James R.), Traumatic aneurysm of the thoracic aorta simulating coarctation, 271

Diaz Caro, Guillermo (with Topete, Alphonso, Huizar Lara, Hector, and Pulido, J. Trinidad), New findings in the coronary-encephalic perfusion in depressed surgical cases, 161

Dillon, Marcus L. (with Fujita, Masami, and Smith, L. C.), Experimental excision of portions of the left ventricle, 215

Dissecting aneurysm of thoracic aorta as complication of catheter aortography (Templeton, Johnson, and Griffith), 209

Drainage tubes, use of silicone in maintaining patency of (Harkins), 549

DuShane, James W. (with Kirklin, John W., and McGoon, Dwight C.), Surgical treatment of ventricular septal defect, 763

E

Ebstein's anomaly and congenital hypoplasia of right ventricle, surgical palliation in patients with (Weinberg, Bicoff, Agustsson, Steiger, Gasul, Fell, and Laun), 310

Edge, J. R. (with Glennie, J. S.), Teratoid tumors of the mediastinum found despite previous normal chest radiography, 172

Effler, Donald B., Discussion of aortic insufficiency, 802

Discussion of cardiac arrest, 810

Ehrenhaft, J. L. (with Sensenig, D. M., and Lawrence, M. S.), Mesotheliomas of the pleura, 393

Electrodes, myocardial, direct stimulating, use in complete atrioventricular block (Levowitz, Ford, and Smith), 283

Emphysema, localized vesicular and bullous, and emphysematous blebs, surgical treatment of (Head, Head, Hudson, and Head), 443

Emphysematous blebs and localized vesicular and bullous emphysema, surgical treatment of, (Head, Head, Hudson, and Head), 443

Esophagopleural fistula as a complication of thoracic surgery (Takaro, Walkup, and Okano), 179

Esophagus, colon replacement in children for congenital and acquired disease (Neville and Clowes), 507

unclassifiable tumor of (Hay-Roe, Hill, and Civin), 107

Excision, experimental, of portions of left ventricle (Dillon, Fujita, and Smith), 215

Extracorporeal circulation, effective blood heat exchanger for deep hypothermia in association with, excluding the oxygenator (Björk), 237

and open-heart surgery, vasomotor regulation during (Sanger, Robicsek, Taylor, Rees, and Stam), 355

F

Fabric, synthetic, partial replacement of mitral valve with (King, Su, and Jontz), 12

Fell, Egbert H., Discussion of intracardiac myxoma and rhabdomyoma, 352

(with Weinberg, Milton, Jr., Bicoff, Juan P., Agustsson, Magnus H., Steiger, Zwi, Gasul, Benjamin M., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310

Ferguson, Colin C. (with Cumming, Gordon R., Briggs, James N., and Brownell, Edward G.), Tricuspid atresia; treatment by superior vena cava–pulmonary artery anastomosis, 31

Fineberg, Charles (with Willauer, George J., Johnson, Robert G., and Coghlan, William P.), The culture of tubercle bacilli from resected specimens of "negative" patients, 501

Firme, Constante N. (with Anthone, Roland, Anthone, Sidney, and MacNeill, Arthur E.), Studies with a cellulose membrane oxygenator, 253

Fistula, esophagopleural, as a complication of thoracic surgery (Takaro, Walkup, and Okano), 179

tracheoesophageal, congenital, unusual variation of (Goldenberg), 114

Ford, William B., Discussion of atrioventricular block, 297

(with Levowitz, Bernard S., and Smith, James W., Jr.), The use of direct stimulating myocardial electrodes in complete atrioventricular block, 283

Fox, Lester (with Wesolowski, Sigmund A., Sauvage, Lester R., Sawyer, Philip N., and Karlson, Karl E.), The growth of cardiovascular chambers following cardiac and aortic surgery, 692

Fujita, Masami (with Dillon, Marcus L., and Smith, L. C.), Experimental excision of portions of the left ventricle, 215

G

Garibotti, J. (with Aletras, H., Kolb, E., Noirclerc, M., Osorio, J., Tomaszewsky, W., William-Olsson, G., and Senning, A.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35

Gas analysis, blood, and influenzal pneumonia (Andrial), 79

Gas-exchange dynamics of glycerolized blood (O'Brien and Watkins), 611
Gasul, Benjamin M. (with Weinberg, Milton, Jr., Bicoff, Juan P., Agustsson, Magnus H., Steiger, Zwi, Fell, Egbert H., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310
Gelman, Sol (with Bowles, L. Thompson, Tepper, Ronald, Coryllos, Elizabeth, Lowenfels, Albert, Postel, Allen, Brancadoro, Giustino, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375
Gerbasi, Francis S., Discussion of coarctation of aorta, 721
Gerbode, Frank, Discussion of cardiac arrest, 809
Gibbon, John H., Jr. (with McLaughlin, Edward D., and Nealon, Thomas F., Jr.), Treatment of bank blood with resins, 602
Gilbert, Joseph W., Discussion of myocardial infarction in infancy, 355
(with Cornell, William P., and Cooper, Theodore), An experimental study of pulmonary artery replacement, 667
(with McFarland, James A., Thomas, Louis B., and Morrow, Andrew G.), Myocardial necrosis following elective cardiac arrest induced with potassium citrate, 200
(with Morrow, Andrew G., Baker, R. Robinson, and Collins, N. Perryman), The closure of atrial septal defects utilizing general hypothermia, 776
Glas, Wayne W. (with Lui, Alfred H. F., and Lansing, Eugene H.), Bilateral inferior deep cervical (scalene fat pad) and paratracheal lymph node biopsies, 90
Glenn, William W. L., Discussion of Ebstein's anomaly and congenital hypoplasia, 319
Glennie, J. S. (with Edge, J. R.), Teratoid tumors of the mediastinum found despite previous normal chest radiography, 172
Glotzer, Philip (with Bloomberg, Allan E.), A method for controlling a patent ductus arteriosus during open-heart surgery, 47
(with Bloomberg, Allan E.), A note on the technique of mitral valvulotomy, 417
Glycerolized frozen blood, gas-exchange dynamics of (O'Brien and Watkins), 611
Goldenberg, Ira S., An unusual variation of congenital tracheoesophageal fistula, 114
Goldman, Alfred, Discussion of aortic insufficiency, 804
Goott, Bernard (with Rosenberg, J. C., Lillehei, Richard C., and Miller, Fletcher A.), The relationship of the sympatho-adrenal system to potassium flux and cardiac irritability induced by alterations in blood pH, 625
Gordon, Archer S. (with Meyer, Bertrand W., and Jones, John C.), Open-heart surgery using deep hypothermia without an oxygenator, 787, 812
Gordon, Joseph, Discussion of emphysema, 456
Great vessels, transposition of, surgical correction of (Baffes, Lev, Paul, Miller, Riker, De Boer, and Potts), 298
Griffith, John R. (with Templeton, John Y., III, and Johnson, Robert G.), Dissecting aneurysm of the thoracic aorta as a complication of catheter aortography, 209
Grimes, Orville F. (with Crane, Jackson T.), Isolated pulmonary venous sclerosis: a cause of cor pulmonale, 410
Gross, Robert E. (with Sauvage, Lester R., and Rudolph, Abraham M.), Experimental replacement of the aortic arch by homografts, 61
(with Sauvage, Lester R., and Rudolph, Abraham M.), Replacement of the main pulmonary artery bifurcation by autogenous pericardium, 56
Gupta, Sushil K. (with Harken, Dwight E., Soroff, Harry S., Taylor Warren J., Lefemine, Armand A., and Lunzer, Steven), Partial and complete prostheses in aortic insufficiency, 744

H

Hanlon, Rollins, Discussion of hypothermia, 811
Harken, Dwight E., Discussion of intracardiac myxoma and rhabdomyoma, 351
Discussion of mitral valvotomy, 799
(with Soroff, Harry S., Taylor, Warren J., Lefemine, Armand, A., Gupta, Sushil K., and Lunzer, Steven), Partial and complete prostheses in aortic insufficiency, 744, 805
Harkins, George A., The use of silicone in maintaining patency in drainage tubes, 549
Harrison, Robert W. (with Moulder, Peter V., Lancaster, Joseph R., Michel, Stephen L., Snyder, Mark, and Thompson, Richard G.), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588

Hay-Roe, Victor (with Hill, Rogers Lee, and Civin, W. Harold), An unclassifiable tumor of the esophagus, 107
Head, James M. (with Head, Louis R., Hudson, Theodore R., and Head, Jerome R.), Surgical treatment of emphysematous blebs and localized vesicular and bullous emphysema, 443
Head, Jerome R. (with Head, James M., Head, Louis R., and Hudson, Theodore R.), Surgical treatment of emphysematous blebs and localized vesicular and bullous emphysema, 443
Head, Louis R. (with Head, James M., Hudson, Theodore R., and Head, Jerome R.), Surgical treatment of emphysematous blebs and localized vesicular and bullous emphysema, 443
Heat exchanger, blood, effective for deep hypothermia in association with extracorporeal circulation but excluding the oxygenator (Björk), 237
Heimbecker, R. O. An improved caval catheter for cardiac bypass, 278
Hemodynamics, altered in pulmonary circulation following reaeration of atelectatic lung (Long, Adams, Benfield, Mikouchi, Reimann, and Nigro), 640
Hemoptysis, essential, study of (Barrett and Tuttle), 468
Hering, Alexander C. (with Wilson, John S., and Ball, Robert E., Jr.), Congenital deficiency of the pericardium, 49
(Peter, Michel Y., and Watkins, Elton, Jr.), Experimental Teflon replacement of the superior vena cava and atriocaval junction, 224
Herrera, Rodolfo, Discussion of essential hemoptysis, 473
Hewlett, Thomas H. (with Ziperman, H., Haskell), Bronchiectasis: results of pulmonary resection, 71
Hill, Mollie L. (*See* Burman), 635
Hill, Rogers Lee (with Hay-Roe, Victor, and Civin, W. Harold), An unclassifiable tumor of the esophagus, 107
Holt, Marsh H. (with Macalalad, Fidel, and Lewis, F. John), Autogenous oxygenation with cardiac bypass, hypothermia, and an atrioventricular clamp, 536
Homografts, experimental replacement of aortic arch by (Sauvage, Rudolph, and Gross), 61
Honored Guest's Address: New findings in the coronary-encephalic perfusion in depressed surgical cases (Topete, Huizar Lara, Pulido, and Diaz Caro), 161
Hudson, Theodore R., Discussion of essential hemoptysis, 474
(with Head, James M., Head, Louis R., and Head, Jerome R.), Surgical treatment of emphysematous blebs and localized vesicular and bullous emphysema, 443, 459
Hufnagel, Charles A., Discussion of Thoracic Surgery Forum, 631
Hughes, Felix A., Jr. (with Campbell, Roger E.), The development of bronchogenic carcinoma in patients with pulmonary tuberculosis, 98
Huizar Lara, Hector (with Topete, Alphonso, Pulido, J. Trinidad, and Diaz Caro, Guillermo), New findings in the coronary-encephalic perfusion in depressed surgical cases, 161
Humphreys, George H., II (with Connolly, John E.), The surgical technique for the correction of pectus excavatum, 194
Hurwitt, Elliott S., Discussion of atrioventricular block, 296
Hyperoxia, arterial, pulmonary, producing increased pulmonary vascular resistance (Moulder, Lancaster, Harrison, Michel, Snyder, and Thompson), 588
Hypertension, systemic, complicating ligation of patent ductus arteriosus (Taylor, Robicsek, Sanger, Stam, and Rees), 43
Hypoplasia, congenital, of right ventricle and Ebstein's anomaly, surgical palliation in patients with (Weinberg, Bicoff, Agustsson, Steiger, Gasul, Fell, and Laun), 310
Hypothermia, cardiac bypass, and atrioventricular clamp, autogenous oxygenation with (Holt, Macalalad, and Lewis), 536
deep, effective blood heat exchanger for, in association with extracorporeal circulation but excluding the oxygenator (Björk), 237
use in open-heart surgery without oxygenator (Gordon, Meyer, and Jones), 787
general, use in closure of atrial septal defects (Morrow, Gilbert, Baker, and Collins), 776

I

Implantation, subcoronary, of flexible tricuspid aortic valve prosthesis (Roe, Burke, and Zehner), 561
In memoriam: Edward James O'Brien (Tuttle), 281
Infancy, myocardial infarction in, surgical management of complication of congenital origin of left coronary artery from pulmonary artery (Sabiston, Pelargonio, and Taussig), 321

Inokuchi, Kiyoshi, Discussion of Thoracic Surgery Forum, 701

Instruments, helpful for cardiovascular surgery (Welberry, Senderoff, Krul, and Baronofsky), 66

Interventricular septal defects, simplified technique for closure of (Roe), 232

Intracardiac myxoma and rhabdomyoma, diagnosis and surgical treatment of (Taber and Lam), 337

J

Johansson, Lennart (with Senning, Åke), Coarctation of the abdominal aorta, 517

Johnson, Bruce, Discussion of atrial septal defects, 807

Johnson, Robert G. (with Templeton, John Y., III, and Griffith, John R.), Dissecting aneurysm of the thoracic aorta as a complication of catheter aortography, 209

(with Willauer, George J., Fineberg, Charles, and Coghlan, William P.), The culture of tubercle bacilli from resected specimens of "negative" patients, 501

Jones, John C. (with Gordon, Archer, S., and Meyer, Bertrand W.), Open-heart surgery using deep hypothermia without an oxygenator, 787

Jontz, Joe G. (with King, Harold, and Su, Chien Sheng), Partial replacement of the mitral valve with synthetic fabric, 12

K

Kantrowitz, Adrian, Discussion of Thoracic Surgery Forum, 700

Karlson, Karl E. (with Wesolowski, Sigmund A., Sauvage, Lester R., Sawyer, Philip N., and Fox, Lester), The growth of cardiovascular chambers following cardiac and aortic surgery, 692

Kattus, Albert A. (with Mulder, Donald G., and Longmire, William P., Jr.), The treatment of acquired aortic stenosis by valvuloplasty, 731

Kawamura, Kenji, Discussion of cavitary tuberculosis, 498

Kay, Earle B., Discussion of aortic insufficiency, 803

Discussion of interventricular septal defect, 806

Kemler, R. Leonard, Discussion of essential hemoptysis, 473

King, Harold (with Su, Chien Sheng, and Jontz, Joe G.), Partial replacement of the mitral valve with synthetic fabric, 12

Kirklin, John W. (with McGoon, Dwight C., and DuShane, James W.), Surgical treatment of ventricular septal defect, 763, 807

Kittle, C. Frederick, Discussion of peripheral vascular resistance, 427

(with Cossman, F. Price, Adler, Federico, and Peltier, Leonard F.), Lipuria and lipasemia after thoracic surgical procedures, 430, 442

Kolb, E. (with Aletras, H., Garibotti, J., Noirclerc, M., Osorio, J., Tomaszewsky, W., William-Olsson, G., and Senning, Å.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35

Kreel, Isadore (with Welberry, Albert, Senderoff, Elliott, and Baronofsky, Ivan D.), Some helpful instruments for cardiovascular surgery, 66

Kusunoki, Takuro (with Cheng, Huan-Chen, McGuire, Hunter, H., Jr., and Bosher, Lewis H., Jr.), Myocardial dysfunction after cardioplegia, 813

L

Lam, Conrad, R. (with Taber, Rodman E.), Diagnosis and surgical treatment of intracardiac myxoma and rhabdomyoma, 337

Lancaster, Joseph R. (with Moulder, Peter V., Harrison, Robert W., Michel, Stephen L., Snyder, Mark, and Thompson, Richard G.), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588

Lansing, Eugene H. (with Lui, Alfred H. F., and Glas, Wayne W.), Bilateral inferior deep cervical (scalene fat pad) and paratracheal lymph node biopsies, 90

Laun, Lawrence L. (with Weinberg, Milton, Jr., Bicoff, Juan P., Agustsson, Magnus H., Steiger, Zwi, Gasul, Benjamin, and Fell, Egbert H.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310

Lawrence, M. S. (with Ehrenhaft, J. L., and Sensenig, D. M.), Mesotheliomas of the pleura, 393

Lee, William H., Jr., Discussion of Thoracic Surgery Forum, 634

Lefemine, Armand A. (with Harken, Dwight E., Soroff, Harry S., Taylor, Warren J., Gupta, Sushil K., and Lunzer, Steven), Partial and complete prostheses in aortic insufficiency, 744

Lev, Maurice (with Baffes, Thomas G., Paul, Milton H., Miller, Robert A., Riker, William L., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298

Levowitz, Bernard S. (with Ford, William B., and Smith, James W., Jr.,), The use of direct stimulating myocardial electrodes in complete atrioventricular block, 283, 297

Lewis, F. John (with Holt, Marsh H., and Macalalad, Fidel), Autogenous oxygenation with cardiac bypass, hypothermia, and an atrioventricular clamp, 536

Liang, Joseph (with Corpe, Raymond F.), Surgical resection in pulmonary tuberculosis due to atypical *Mycobacterium tuberculosis*, 93

Ligation of patent ductus arteriosus, systemic hypertension complicating (Taylor, Robicsek, Sanger, Stam, and Rees), 43

Lillehei, Richard C. (with Goott, Bernard, Rosenberg, J. C., and Miller, Fletcher A.), The relationship of the sympatho-adrenal system to potassium flux and cardiac irritability induced by alterations in blood pH, 625

Lipasemia and lipuria after thoracic surgical procedures (Cossman, Adler, Kittle, and Peltier), 430

Lipuria and lipasemia after thoracic surgical procedures (Cossman, Adler, Kittle, and Peltier), 430

Littlefield, James B. (with Lowicki, Edward M., and Muller, William H., Jr.), Experimental left coronary artery perfusion through an aortotomy during cardiopulmonary bypass, 685

Lodin, Herman (with Björk, Viking Olov), The evaluation of mitral stenosis with selective left ventricular angiocardiography, 17

Long, David, Discussion of vasomotor regulation, 373

Long, Edwin T. (with Adams, William E., Benfield, John R., Mikouchi, Takemaru, Reimann, Arthur F., and Nigro, Salvatore), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640

Longmire, William P., Jr. (with Mulder, Donald G., and Kattus, Albert A.), The treatment of acquired aortic stenosis by valvuloplasty, 731

Lord, Jere W., Jr. (with Bowles, L. Thompson, Tepper, Ronald, Coryllos Elizabeth, Lowenfels, Albert, Postel, Allen, Brancadoro, Giustino, and Gelman, Sol), An experimental evaluation of operations for revascularization of the heart, 375

Lord et al.—Con't

mental evaluation of operations for revascularization of the heart, 375

Lowenfels, Albert (with Bowles, L. Thompson, Tepper, Ronald, Coryllos, Elizabeth, Postel, Allen, Brancadoro, Giustino, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375

Lowicki, Edward M. (with Littlefield, James B., and Muller, William H., Jr.), Experimental left coronary artery perfusion through an aortotomy during cardiopulmonary bypass, 685

Lui, Alfred H. F. (with Glas, Wayne, W., and Lansing, Eugene H.), Bilateral inferior deep cervical (scalene fat pad) and paratracheal lymph node biopsies, 90

Lung abscess in Japan (Shinoi), 461

atelectatic, reaeration of, altered hemodynamics in pulmonary circulation following (Long, Adams, Benfield, Mikouchi, Reimann, and Nigro), 640

bilateral simultaneous squamous cell carcinoma of (Britt, Christoforidis, and Andrews), 102

surgery, pulmonary reserve and its influence on development of (Adams), 141

Lunzer, Steven (with Harken, Dwight E., Soroff, Harry S., Taylor, Warren J., Lefemine, Armand A., and Gupta, Sushil K.), Partial and complete prostheses in aortic insufficiency, 744

Lymph node biopsies, paratracheal, bilateral, inferior deep cervical (scalene fat pad) and (Lui, Glas, and Lansing), 90

M

Macalalad, Fidel (with Holt, Marsh H., and Lewis, F. John), Autogenous oxygenation with cardiac bypass, hypothermia, and an atrioventricular clamp, 536

McCaughan, James S. (with Weeder, Richard, Schuder, John C., and Blakemore, William S.), Evaluation of new nonwettable macroporous membranes with high permeability coefficients for possible use in membrane oxygenator, 574

McFarland, James A. (with Thomas, Louis B., Gilbert, Joseph W., and Morrow, Andrew G.), Myocardial necrosis following elective cardiac arrest induced with potassium citrate, 200

McGoon, Dwight C., Discussion of aortic stenosis, 801
Discussion of peripheral vascular resistance, 428
(with Kirklin, John W., and DuShane, James W.), Surgical treatment of ventricular septal defect, 763
McGuire, Hunter H., Jr. (with Kusunoki, Takuro, Cheng, Huan-Chen, and Bosher, Lewis H., Jr.), Myocardial dysfunction after cardioplegia, 813
McLaughlin, Edward D. (with Nealon, Thomas F., Jr., and Gibbon, John H., Jr.), Treatment of bank blood with resins, 602
MacNeill, Arthur E. (with Firme, Constante N., Anthone, Roland, and Anthone, Sidney), Studies with a cellulose membrane oxygenator, 253
McNeill, Thomas M. (with Chamberlain, J. Maxwell), Ligation and division of the bronchus in the surgical treatment of cavitary tuberculosis, 475
Magovern, George, Discussion of vasomotor regulation, 373
Mahoney, Earle B., Discussion of intracardiac myxoma and rhabdomyoma, 352
Malm, James R. (with Deterling, Ralph A., Jr.), Traumatic aneurysm of the thoracic aorta simulating coarctation, 271
Maloney, James V., Discussion of lipuria and lipasemia, 442
Mamlin, Joseph H. (with Meredith, Jesse H., and Artesani, John H.), Temperature compensated, self-calibrated oxygen monitoring device, 582
Mediastinum, teratoid tumors found in, despite previous normal chest radiography (Edge and Glennie), 172
Membrane, cricothyroid, bronchography through puncture of (Reams and Bosniak), 117
oxygenator, evaluation of new nonwettable macroporous membranes with high permeability coefficients for possible use in (McCaughan, Weeder, Schuder, and Blakemore), 574
Membranes, macroporous, new nonwettable, with high permeability coefficients for possible use in membrane oxygenator (McCaughan, Weeder, Schuder, and Blakemore), 574
Mendelsohn, Harvey J., Discussion of atrioventricular block, 297
Meredith, Jesse H. (with Cordell, Robert A., and Spencer, Merrill P.), Studies of peripheral vascular resistance associated with total cardiopulmonary bypass. I. Peripheral resistance under conditions of normothermia and normotension, 421
Meredith, Jesse H.—Cont'd
(with Artesani, John H., and Mamlin, Joseph H.), Temperature compensated, self-calibrated oxygen monitoring device, 582
Mesotheliomas of pleura (Ehrenhaft, Sensenig, and Lawrence), 393
Meyer, Bertrand W. (with Gordon, Archer S., and Jones, John C.), Open-heart surgery using deep hypothermia without an oxygenator, 787
Michel, Stephen L. (with Moulder, Peter V., Lancaster, Joseph R., Harrison, Robert W., Snyder, Mark, and Thompson, Richard G.), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588
Mikouchi, Takemaru (with Long, Edwin T., Adams, William E., Benfield, John R., Reimann, Arthur F., and Nigro, Salvatore), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640
Miller, Don R., Discussion of Thoracic Surgery Forum, 633
Miller, Fletcher A. (with Goott, Bernard, Rosenberg, J. C., and Lillehei, Richard C.), The relationship of the sympatho-adrenal system to potassium flux and cardiac irritability induced by alterations in blood pH, 625
Miller, Robert A. (with Baffes, Thomas G., Lev, Maurice, Paul, Milton H., Riker, William L., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298
Mitral stenosis with selective left ventricular angiocardiography, evaluation of (Björk and Lodin), 17
valve, complete replacement of; successful clinical application of flexible polyurethane prosthesis (Braunwald, Cooper, and Morrow), 1
partial replacement of, with synthetic fabric (King, Su, and Jontz), 12
valvulotomy, closed, five-year follow-up study of (Scannell, Burke, Saidi, and Turner), 723
note on technique of (Bloomberg and Glotzer), 417
Monitoring device, oxygen, self-calibrated, temperature compensated (Meredith, Artesani, and Mamlin), 582
Moore, Thomas C., Discussion of Thoracic Surgery Forum, 700
Morris, George C., Jr. (with Cooley, Denton A., De Bakey, Michael E., and Crawford, E. Stanley), Coarctation of the aorta with particular emphasis upon improved techniques of surgical repair, 705, 722

Morrow, Andrew G. (with Gilbert, Joseph W., Baker, R. Robinson, and Collins, N. Perryman), The closure of atrial septal defects utilizing general hypothermia, 776, 809

(with Baunwald, Nina S., and Cooper, Theodore), Complete replacement of the mitral valve; successful clinical application of a flexible polyurethane catheter, 1

(with McFarland, James A., Thomas, Louis B., and Gilbert, Joseph W.), Myocardial necrosis following elective cardiac arrest induced with potassium citrate, 200

Moulder, Peter V. (with Lancaster, Joseph R., Harrison, Robert W., Michel, Stephen L., Snyder, Mark, and Thompson, Richard G.), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588

Mulder, Donald G. (with Kattus, Albert A., and Longmire, William P., Jr.), The treatment of acquired aortic stenosis by valvuloplasty, 731, 802

Muller, William H., Jr., Discussion of aortic insufficiency, 804

(with Littlefield, James B., and Lowicki, Edward M.), Experimental left coronary artery perfusion through an aortotomy during cardiopulmonary bypass, 685

Munoz, Anthony, J. (with Stephenson, Sam E., Jr.), Experimental production of aortic stenosis, 568

Murphy, Jerome P., The surgical correction of syphilitic aortic insufficiency, 524

Mustard, William T., Discussion of myocardial infarction in infancy, 335

Mycobarterium tuberculosis, atypical, surgical resection in pulmonary tuberculosis due to (Corpe and Liang), 93

Myocardial dysfunction after cardioplegia (Kusunoki, Cheng, McGuire, and Bosher), 813

electrodes, stimulating, direct, use in complete atrioventricular block (Levowitz, Ford, and Smith), 283

infarction in infancy; surgical management of complication of congenital origin of left coronary artery from pulmonary artery (Sabiston, Pelargonio, and Taussig), 321

necrosis following elective cardiac arrest induced with potassium citrate (McFarland, Thomas, Gilbert, and Morrow), 200

Myxoma, intracardiac, and rhabdomyoma, diagnosis and surgical treatment of (Taber and Lam), 337

N

Nealon, Thomas F., Jr. (with McLaughlin, Edward D., and Gibbon, John H., Jr.), Treatment of bank blood with resins, 602

Necrosis, myocardial, following elective cardiac arrest induced with potassium citrate (McFarland, Thomas, Gilbert, and Morrow), 200

"Negative" patients, culture of tubercle bacilli from resected specimens of (Willauer, Fineberg, Johnson, and Coghlan), 501

Nemir, Paul, Jr., Discussion of Thoracic Surgery Forum, 699

Neville, William E. (with Clowes, George H. A.), Colon replacement of the esophagus in children for congenital and acquired disease, 507

Nigro, Salvatore (with Long, Edwin T., Adams, William E., Benfield, John R., Mikouchi, Takemaru, and Reimann, Arthur F.), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640

Noirclerc, M. (with Aletras H., Garibotti, J., Kolb, E., Osorio, J., Tomaszewsky, W., William-Olsson, G., and Senning, A.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35

O

O'Brien, Edward James, In memoriam (Tuttle), 281

O'Brien, Thomas G. (with Watkins, Elton, Jr.), Gas-exchange dynamics of glycerolized frozen blood, 611

Occlusion, pulmonary arterial, unilateral, with a balloon-tipped catheter, selective chemotherapy of lung during (Smyth and Blades), 653

Okano, Takeshi (with Takaro, Timothy, and Walkup, Harry E.), Esophagopleural fistula as a complication of thoracic surgery, 179

Olwine, Robert W., Discussion of Thoracic Surgery Forum, 632

Open-heart surgery using deep hypothermia without oxygenator (Gordon, Meyer, and Jones), 787

and extracorporeal circulation, vasomotor regulation during (Sanger, Robicsek, Taylor, Rees, and Stam), 355

method for controlling a patent ductus arteriosus during (Glotzer and Bloomberg), 47

variations of thrombin time in certain patients undergoing (von Kaulla, Swan, and Paton), 260

Osorio, J. (with Aletras, H., Garibotti, J., Kolb, E., Noirclerc, M., Tomaszewsky, W., William-Olsson, G., and Senning, A.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35
Overholt, Richard H., Discussion of emphysema, 459
Oxygen monitoring device, self-calibrated, temperature compensated (Meredith, Artesani, and Mamlin), 582
Oxygenator, cellulose membrane, studies with (Firme, Anthone, Anthone, and MacNeill), 253
exclusion of, effective blood heat exchanger for deep hypothermia with extracorporeal circulation with (Björk), 237
membrane, evaluation of new nonwettable macroporous membranes with high permeability coefficients for possible use in (McCaughan, Weeder, Schuder, and Blakemore), 574
open-heart surgery using deep hypothermia without (Gordon, Meyer, and Jones), 787

P

Paratracheal lymph node biopsies, bilateral inferior deep cervical (scalene fat pad) and (Lui, Glas, and Lansing), 90
Patency in drainage tubes, use of silicone in maintaining (Harkins), 549
Patent ductus arteriosus during open-heart surgery, method for controlling (Glotzer and Bloomberg), 47
systemic hypertension complicating ligation of (Taylor, Robicsek, Sanger, Stam, and Rees), 43
Paton, Bruce (with von Kaulla, Kurt N., and Swan, Henry), Variations of the thrombin time in certain patients undergoing open-heart surgery: prognostic significance, 260
Paul, Milton H. (with Baffes, Thomas G., Lev, Maurice, Miller, Robert A., Riker, William L., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298
Pecora, David V., Discussion of tubercle bacilli, 505
Pectus excavatum, surgical technique for correction of (Humphreys and Connolly), 194
Pelargonio, Salvatore (with Sabiston, David C., Jr., and Taussig, Helen B.), Myocardial infarction in infancy; the surgical management of a complication of congenital origin of the left coronary artery from the pulmonary artery, 321
Peltier, Leonard F. (with Cossman, F. Price, Adler, Federico, and Kittle, C. Frederick), Lipuria and lipasemia after thoracic surgical procedures, 430
Perfusion, coronary-encephalic, in depressed surgical cases, new findings in (Topete, Huizar Lara, Pulido, and Diaz Caro), 161
left coronary artery, experimental, through an aortotomy during cardiopulmonary bypass (Littlefield, Lowicki, and Muller), 685
total body, effect upon cardiac output and vascular resistance (Rowen, Viles, and Ankeney), 529
Pericardium, autogenous, replacement of main pulmonary bifurcation by (Sauvage, Rudolph, and Gross), 56
congenital deficiency of (Hering, Wilson, and Ball), 49
Peripheral vascular resistance associated with total cardiopulmonary bypass. I. Peripheral resistance under conditions of normothermia and normotension (Cordell, Spencer, and Meredith), 421
Peter, Michel Y. (with Hering, Alexander C., and Watkins, Elton, Jr.), Experimental Teflon replacement of the superior vena cava and atriocaval junction, 224
Peters, Richard M., Discussion of myocardial infarction in infancy, 336
Pleura, mesotheliomas of (Ehrenhaft, Sensenig, and Lawrence), 393
Pneumonia, influenzal, and blood-gas analysis (Andrial), 79
Postel, Allen (with Bowles, L. Thompson, Tepper, Ronald, Coryllos, Elizabeth, Lowenfels, Albert, Brancadoro, Giustino, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375
Potassium citrate, myocardial necrosis following elective cardiac arrest induced with (McFarland, Thomas, Gilbert, and Morrow), 200
flux and cardiac irritability induced by alterations in blood pH, relationship of sympatho-adrenal system to (Goott, Rosenberg, Lillehei, and Miller), 625
Potts, Willis J. (with Baffes, Thomas G., Lev, Maurice, Paul, Milton H., Miller, Robert A., Riker, William M., and De Boer, Arthur), Surgical correction of transposition of the great vessels: a five-year survey, 298

Presidential Address: Pulmonary reserve and its influence on the development of lung surgery (Adams), 141

Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps (Aletras, Garibotti, Kolb, Noirclerc, Osorio, Tomaszewsky, William-Olsson, and Senning), 35

Prostheses, partial and complete, in aortic insufficiency (Harken, Soroff, Taylor, Lefemine, Gupta, and Lunzer), 744

Prosthesis, polyurethane, flexible, successful clinical application of; complete replacement of mitral valve (Braunwald, Cooper, and Morrow), 1

tricuspid aortic valve, flexible, subcoronary implantation of (Roe, Burke, and Zehner), 561

Pulido, J. Trinidad (with Topete, Alphonso, Huizar Lara, Hector, and Diaz Caro, Guillermo), New findings in the coronary-encephalic perfusion in depressed surgical cases, 161

Pulmonary arterial occlusion, unilateral, with a balloon-tipped catheter, selective chemotherapy of lung during (Smyth and Blades), 653

artery bifurcation, main, replacement by autogenous pericardium (Sauvage, Rudolph, and Gross), 56

congenital origin of left coronary artery from, surgical management of complication of; myocardial infarction in infancy (Sabiston, Pelargonio, and Taussig), 321

replacement, experimental study of (Gilbert, Cornell, and Cooper), 667

circulation, altered hemodynamics in, following reaeration of atelectatic lung (Long, Adams, Benfield, Mikouchi, Reimann, and Nigro), 640

during cardiac bypass by double pumps, pressure conditions in (Aletras, Garibotti, Kolb, Noirclerc, Osorio, Tomaszewsky, William-Olsson, and Senning), 35

resection, analysis of 240 cases treated by: bronchiectasis (Streete and Salyer), 383

results of: bronchiectasis (Hewlett and Ziperman), 71

reserve and its influence on development of lung surgery (Adams), 141

tuberculosis, development of bronchogenic carcinoma in patients with (Campbell and Felix), 98

surgical resection in, due to atypical *Mycobacterium tuberculosis* (Corpe and Liang), 93

venous sclerosis, isolated: cause of cor pulmonale (Crane and Grimes), 410

R

Reaeration of atelectatic lung, altered hemodynamics in pulmonary circulation following (Long, Adams, Benfield, Mikouchi, Reimann, and Nigro), 640

Reams, Gerald B. (with Bosniak, Morton A.), Bronchography through puncture of cricothyroid membrane, 117

Rees, Terry T. (with Taylor, Frederick H., Robicsek, Francis, Sanger, Paul W., and Stam, Robert E.), Systemic hypertension complicating the ligation of patent ductus arteriosus, 43

(with Sanger, Paul W., Robicsek, Francis, Taylor, Frederick H., and Stam, Robert E.), Vasomotor regulation during extracorporeal circulation and open-heart surgery, 355

Reimann, Arthur F. (with Long, Edwin T., Adams, William E., Benfield, John R., Mikouchi, Takemaru, and Nigro, Salvatore), Altered hemodynamics in the pulmonary circulation following reaeration of an atelectatic lung, 640

Replacement, colon, of esophagus in children with congenital and acquired disease (Neville and Clowes), 507

complete, of mitral valve; successful clinical application of flexible polyurethane prosthesis (Braunwald, Cooper, and Morrow), 1

experimental, of aortic arch by homografts (Sauvage, Rudolph, and Gross), 61

of main pulmonary artery bifurcation by autogenous pericardium (Sauvage, Rudolph, and Gross), 56

partial, of mitral valve with synthetic fabric (King, Su, and Jontz), 12

pulmonary artery, experimental study of (Gilbert, Cornell, and Cooper), 667

Teflon, experimental, of superior vena cava and atriocaval junction (Peter, Hering, and Watkins), 224

Resection, pulmonary, results of: bronchiectasis (Hewlett and Ziperman), 71

surgical, in pulmonary tuberculosis due to atypical *Mycobacterium tuberculosis* (Corpe and Liang), 93

Resins, treatment of bank blood by (McLaughlin, Nealon, and Gibbon), 602

Revascularization of heart, experimental evaluation of operations for (Bowles, Tepper, Coryllos, Lowenfels, Postel, Brancadoro, Gelman, and Lord), 375

Rhabdomyoma and intracardiac myxoma, diagnosis and surgical treatment of (Taber and Lam), 337

Riker, William L. (with Baffes, Thomas G., Lev, Maurice, Paul, Milton H., Miller, Robert A., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of the great vessels: a five-year survey, 298

Robicsek, Francis (with Taylor, Frederick H., Sanger, Paul W., Stam, Robert E., and Rees, Terry T.), Systemic hypertension complicating the ligation of patent ductus arteriosus, 43

(with Sanger, Paul W., Taylor, Frederick H., Rees, Terry T., and Stam, Robert E.), Vasomotor regulation during extracorporeal circulation and open-heart surgery, 355, 373

Roe, Benson B., A simplified technique for closure of interventricular septal defects, 232

Discussion of cardiac arrest, 809

Discussion of intracardiac myxoma and rhabdomyoma, 351

(with Burke, Mervyn F., and Zehner, Harry, Jr.), The subcoronary implantation of a flexible tricuspid aortic valve prosthesis, 561

Rosenberg, J. C. (with Goott, Bernard, Lillehei, Richard C., and Miller, Fletcher A.), The relationship of the sympatho-adrenal system to potassium flux and cardiac irritability induced by alterations in blood pH, 625

Ross, Charles, Discussion of Thoracic Surgery Forum, 699

Rowen, Howard (with Viles, Peter, and Ankeney, Jay L.), The effect of total body perfusion upon cardiac output and vascular resistance, 529

Rudolph, Abraham M. (with Sauvage, Lester R., and Gross, Robert E.), Experimental replacement of the aortic arch by homografts, 61

(with Sauvage, Lester R., and Gross, Robert E.), Replacement of the main pulmonary artery bifurcation by autogenous pericardium, 56

S

Sabiston, David C., Jr. (with Pelargonio, Salvatore, and Taussig, Helen B.), Myocardial infarction in infancy; the surgical management of a complication of congenital origin of the left coronary artery from the pulmonary artery, 321, 336

Saidi, Farrokh (with Scannell, J. Gordon, Burke, John F., and Turner, John D.), Five-year follow-up study of closed mitral valvulotomy, 723

Salyer, John M. (with Streete, B. G.), Bronchiectasis: an analysis of 240 cases treated by pulmonary resection, 383

Samson, Paul C., Discussion of tubercle bacilli, 505

Sanger, Paul W. (with Taylor, Frederick H., Robicsek, Francis, Stam, Robert E., and Rees, Terry T.), Systemic hypertension complicating the ligation of patent ductus arteriosus, 43

(with Robicsek, Francis, Taylor, Frederick H., Rees, Terry T., and Stam, Robert E.), Vasomotor regulation during extracorporeal circulation and open-heart surgery, 355

Sauvage, Lester R. (with Rudolph, Abraham M., and Gross, Robert E.), Experimental replacement of the aortic arch by homografts, 61

(with Wesolowski, Sigmund A., Sawyer, Philip N., Karlson, Karl E., and Fox, Lester), The growth of cardiovascular chambers following cardiac and aortic surgery, 692

(with Rudolph, Abraham M., and Gross, Robert E.), Replacement of the main pulmonary artery bifurcation by autogenous pericardium, 56

Sawyer, Philip N. (with Wesolowski, Sigmund A., Sauvage, Lester R., Karlson, Karl E., and Fox, Lester), The growth of cardiovascular chambers following cardiac and aortic surgery, 692

Scalene fat pad, bilateral, (inferior deep cervical), and paratracheal lymph node biopsies (Lui, Glas, and Lansing), 90

Scannell, Gordon J., Discussion of mitral valvulotomy, 800

(with Burke, John F., Saidi, Farrokh, and Turner, John D.), Five-year follow-up study of closed mitral valvulotomy, 723

Schuder, John C. (with McCaughan, James S., Weeder, Richard, and Blakemore, William S.), Evaluation of a new nonwettable macroporous membrane with high permeability coefficients for possible use in a membrane oxygenator, 574

Schuster, Samuel R., Discussion of coarctation of aorta, 721

Senderoff, Elliott (with Welberry, Albert, Kreel, Isadore, and Baronofsky, Ivan D.), Some helpful instruments for cardiovascular surgery, 66

Senning, Åke, Discussion of hypothermia, 811

(with Johansson, Lennart), Coarctation of the abdominal aorta, 517

(with Aletras, H., Garibotti, J., Kolb, E., Noirclerc, M., Osorio, J., Tomaszewsky, W., and William-Olsson, G.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35

Sensenig, D. M. (with Ehrenhaft, J. L., and Lawrence, M. S.), Mesotheliomas of the pleura, 393
Septal defects, atrial, closure utilizing general hypothermia (Morrow, Gilbert, Baker, and Collins), 776
interventricular, simplified technique for closure of (Roe), 232
ventricular, surgical treatment for (Kirklin, McGoon, and DuShane), 763
Shefts, Lawrence M., Discussion of cavitary tuberculosis, 499
Discussion of tubercle bacilli, 506
Shinoi, Kingo, Lung abscess in Japan, 461
Shumacker, Harris B., Jr., Discussion of Thoracic Surgery Forum, 699
Silicone, use in maintaining patency in drainage tubes (Harkins), 549
Smith, James W., Jr. (with Levowitz, Bernard S., and Ford, William B.), The use of direct stimulating myocardial electrodes in complete atrioventricular block, 283
Smith, L. C. (with Dillon, Marcus L., and Fujita, Masami), Experimental excision of portions of the left ventricle, 215
Smyth, Nicholas P. (with Blades, Brian), Selective chemotherapy of the lung during unilateral pulmonary arterial occlusion with a balloon-tipped catheter, 653
Snyder, Mark (with Moulder, Peter V., Lancaster, Joseph R., Harrison, Robert W., Michel, Stephen L., and Thompson, Richard G.), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588
Soroff, Harry S. (with Harken, Dwight E., Taylor, Warren J., Lefemine, Armand A., Gupta, Sushil K., and Lunzer, Steven), Partial and complete prostheses in aortic insufficiency, 744
Spencer, Frank C., Discussion of coarctation of aorta, 721
Spencer, Merrill P., Discussion of peripheral vascular resistance, 428
(with Cordell, Robert A., and Meredith, Jesse H.), Studies of peripheral vascular resistance associated with total cardiopulmonary bypass. I. Peripheral resistance under condition of normothermia and normotension, 421
Squamous cell carcinoma, simultaneous, bilateral, of lung (Britt, Christoforidis, and Andrews), 102
Stam, Robert E. (with Taylor, Frederick H., Robicsek, Francis, Sanger, Paul W., and Rees, Terry T.), Systemic hypertension complicating the ligation of patent ductus arteriosus, 43
Stam, Robert E.—Cont'd
(with Sanger, Paul W., Robicsek, Francis, Taylor, Frederick H., and Rees, Terry T.), Vasomotor regulation during extracorporeal circulation and open-heart surgery, 355
Stapling device, simple, for anastomosis of blood vessels (Takaro), 673
Steiger, Zwi (with Weinberg, Milton, Jr., Bicoff, Juan P., Agustsson, Magnus H., Gasul, Benjamin M., Fell, Egbert H., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310
Stenosis, aortic, acquired, treatment by valvuloplasty (Mulder, Kattus, and Longmire), 731
mitral, with selective left ventricular angiocardiography, evaluation of (Björk and Lodin), 17
Stephenson, Sam E., Jr. (with Munoz, Anthony J.), Experimental production of aortic stenosis, 568
Streete, B. G. (with Salyer, John M.), Bronchiectasis: an analysis of 240 cases treated by pulmonary resection, 383
Su, Chien Sheng (with King, Harold, and Jontz, Joe G.), Partial replacement of the mitral valve with synthetic fabric, 12
Surgical repair of coarctation of aorta (Morris, Cooley, De Bakey, and Crawford), 705
Swan, Henry (with von Kaulla, Kurt N., and Paton, Bruce), Variations of the thrombin time in certain patients undergoing open-heart surgery: prognostic significance, 260
Swan, Henry, II, Discussion of atrial septal defects, 808
Sympatho-adrenal system, relationship to potassium flux and cardiac irritability induced by alterations in blood pH (Goott, Rosenberg, Lillehei, and Miller), 625
Syphilitic aortic insufficiency, surgical correction of (Murphy), 524

T

Taber, Rodman E. (with Lam, Conrad R.), Diagnosis and surgical treatment of intracardiac myxoma and rhabdomyoma, 337, 354
Takaro, Timothy, A simple stapling device for the anastomosis of blood vessels, 673
(with Walkup, Harry E., and Okano, Takesi), Esophagopleural fistula as a complication of thoracic surgery, 179

Taussig, Helen B. (with Sabiston, David C., Jr., and Pelargonio, Salvatore), Myocardial infarction in infancy; the surgical management of a complication of congenital origin of the left coronary artery from the pulmonary artery, 321

Taylor, Frederick H., Discussion of Ebstein's anomaly and congenital hypoplasia, 319

(with Robicsek, Francis, Sanger, Paul W., Stam, Robert E., and Rees, Terry T.), Systemic hypertension complicating the ligation of patent ductus arteriosus, 43

(with Sanger, Paul W., Robicsek, Francis, Rees, Terry T., and Stam, Robert E.), Vasomotor regulation during extracorporeal circulation and open-heart surgery, 355

Taylor, Warren J. (with Harken, Dwight E., Soroff, Harry S., Lefemine, Armand A., Gupta, Sushil K., and Lunzer, Steven), Partial and complete prostheses in aortic insufficiency, 744

Teflon replacement, experimental, of superior vena cava and atriocaval junction (Peter, Hering, and Watkins), 224

Templeton, John Y., III, Discussion of hypothermia, 812

Discussion of myoxma and rhabdomyoma, 353

(with Johnson, Robert G., and Griffith, John R.), Dissecting aneurysm of the thoracic aorta as a complication of catheter aortography, 209

Tepper, Ronald (with Bowles, L. Thompson, Coryllos, Elizabeth, Lowenfels, Albert, Postel, Allen, Brancadoro, Giustino, Gelman, Sol, and Lord, Jere W., Jr.), An experimental evaluation of operations for revascularization of the heart, 375

Teratoid tumors of the mediastinum found despite previous normal chest radiography (Edge and Glennie), 172

Thomas, Louis B. (with McFarland, James A., Gilbert, Joseph W., and Morrow, Andrew G.), Myocardial necrosis following elective cardiac arrest with potassium citrate, 200

Thompson, Richard G. (with Moulder, Peter V., Lancaster, Joseph R., Harrison, Robert W., Michel, Stephen L., and Snyder, Mark), Pulmonary arterial hyperoxia producing increased pulmonary vascular resistance, 588

Thoracic aorta, dissecting aneurysm of, as complication of catheter aortography (Templeton, Johnson, and Griffith), 209

traumatic aneurysm of, simulating coarctation (Malm and Deterling), 271

Thrombin time, variations of, in certain patients undergoing open-heart surgery (von Kaulla, Swan, and Paton), 260

Timmes, Joseph J., Discussion of cavitary tuberculosis, 499

Tomaszewsky, W. (with Aletras, H., Garibotti, J., Kolb, E., Noirclerc, M., Osorio, J., William-Olsson, G., and Senning, A.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35

Topete, Alphonso (with Huizar Lara, Hector, Pulido, J. Trinidad, and Diaz Caro, Guillermo), Honored Guest's Address: New findings in the coronary-encephalic perfusion in depressed surgical cases, 161

Tracheoesophageal fistula, congenital, unusual variation of (Goldenberg), 114

Transposition of great vessels, surgical correction of (Baffes, Lev, Paul, Miller, Riker, De Boer, and Potts), 298

Traumatic aneurysm of thoracic aorta simulating coarctation (Malm and Deterling), 271

Tricuspid aortic valve prosthesis, flexible, subcoronary implantation of (Roe, Burke, and Zehner), 561

atresia; treatment by superior vena cava–pulmonary artery anastomosis (Cumming, Ferguson, Briggs, and Brownell), 31

Tubercle bacilli, culture of, from resected specimens of "negative" patients (Willauer, Fineberg, Johnson, and Coghlan), 501

Tuberculosis, cavitary, surgical treatment by ligation and division of bronchus (Chamberlain and McNeill), 475

pulmonary, development of bronchogenic carcinoma in patients with (Campbell and Hughes), 98

surgical resection in, due to atypical *Mycobacterium tuberculosis* (Corpe and Liang), 93

Tumor, unclassifiable, of esophagus (Hay-Roe, Hill, and Civin), 107

Turner, John D. (with Scannell, J. Gordon, Burke, John F., and Saidi, Farrokh), Five-year follow-up study of closed mitral valvulotomy, 723

Tuttle, William M., Discussion of cavitary tuberculosis, 499

Discussion of emphysema, 459

(with Barrett, Raymond J.), A study of essential hemoptysis, 468, 474

Edward James O'Brien, in memoriam, 281

V

Valvuloplasty, treatment of acquired aortic stenosis by (Mulder, Kattus, and Longmire), 731

Valvulotomy, mitral, closed, five-year follow-up study of (Scannell, Burke, Saidi, and Turner), 723
Vascular resistance and cardiac output, effect of total body perfusion upon (Rowen, Viles, and Ankeney), 529
peripheral, associated with total cardiopulmonary bypass. I. Peripheral resistance under conditions of normothermia and normotension (Cordell, Spencer, and Meredith), 421
pulmonary, increased, pulmonary arterial hyperoxia producing (Moulder, Lancaster, Harrison, Michel, Snyder, and Thompson), 588
Vasomotor regulation during extracorporeal circulation and open-heart surgery (Sanger, Robicsek, Taylor, Rees, and Stam), 355
Vena cava, superior, and atriocaval junction, experimental Teflon replacement of (Peter, Hering, and Watkins), 224
Venous sclerosis, pulmonary, isolated: cause of cor pulmonale (Crane and Grimes), 410
Ventricle, left, experimental excisions of portions of (Dillon, Fujita, and Smith), 215
Ventricular septal defect, surgical treatment of (Kirklin, McGoon, and DuShane), 763
Viles, Peter (with Rowen, Howard, and Ankeney, Jay L.), The effect of total body perfusion upon cardiac output and vascular resistance, 529
Vineberg, Arthur M., Discussion of vasomotor regulation, 373
Von Kaulla, Kurt N. (with Swan, Henry, and Paton, Bruce), Variations of the thrombin time in certain patients undergoing open-heart surgery: prognostic significance, 260

W

Walkup, Harry E. (with Takaro, Timothy, and Okano, Takeshi), Esophagopleural fistula as a complication of thoracic surgery, 179
Ware, Paul F., Discussion of Thoracic Surgery Forum, 633
Watkins, Elton, Jr., Discussion of vasomotor regulation, 372
(with Peter, Michel Y., and Hering, Alexander C.), Experimental Teflon replacement of the superior vena cava and atriocaval junction, 224
Watkins, Elton, Jr.—Cont'd
(with O'Brien, Thomas G.), Gas-exchange dynamics of glycerolized frozen blood, 611
Weeder, Richard (with McCaughan, James S., Schuder, John C., and Blakemore, William S.), Evaluation of a new nonwettable macroporous membrane with high permeability coefficients for possible use in a membrane oxygenator, 574
Weinberg, Milton, Jr. (with Bicoff, Juan P., Agustsson, Magnus H., Steiger, Zwi, Gasul, Benjamin M., Fell, Egbert H., and Laun, Lawrence L.), Surgical palliation in patients with Ebstein's anomaly and congenital hypoplasia of the right ventricle, 310, 320
Weirich, William L., Discussion of atrioventricular block, 296
Welberry, Albert (with Senderoff, Elliott, Kreel, Isadore, and Baronofsky, Ivan D.), Some helpful instruments for cardiovascular surgery, 66
Wesolowski, Sigmund A. (with Sauvage, Lester R., Sawyer, Philip N., Karlson, Karl E., and Fox, Lester), The growth of cardiovascular chambers following cardiac and aortic surgery, 692
Willauer, George J. (with Fineberg, Charles, Johnson, Robert G., and Coghlan, William P.), The culture of tubercle bacilli from resected specimens of "negative" patients, 501
William-Olsson, G. (with Aletras, H., Garibotti, J., Kolb, E., Noirclerc, M., Osorio, J., Tomaszewsky, W., and Senning, Å.), Pressure conditions in the pulmonary circulation during cardiac bypass by double pumps, 35
Wilson, John S. (with Hering, Alexander C., and Ball, Robert E., Jr.), Congenital deficiency of the pericardium, 49

Z

Zehner, Harry, Jr. (with Roe, Benson, B., and Burke, Mervyn F.), The subcoronary implantation of a flexible tricuspid aortic valve prosthesis, 561
Ziperman, H. Haskell (with Hewlett, Thomas H.), Bronchiectasis: results of pulmonary resection, 71